



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

March 17, 2016

Re: Ringler Energy, LLC
Class B Biosolids Site Authorization
NPDES
Morrow County
4IN00204*AD

Mr. Alex Ringler
Ringler Energy, LLC
2279 County Road 156
Cardington, OH 43315

Dear Mr. Ringler:

Ohio EPA received a request on February 18, 2016, from Otte AG, LCC on behalf of Ringler Energy, LCC to include the following site as part of the Ringler Energy biosolids management program:

<u>Field ID</u>	<u>Ohio EPA Site #</u>	<u>County</u>	<u>Township</u>
250-1 to 12	59-00125	Morrow	Peru

This site, owned and operated by Shady Haven Farms, LLC, is located northeast of the intersection of State Route 229 and Township Road 166.

A review of this site was conducted by Ohio EPA. Consideration was given to soil and landscape characteristics, isolation distances from residences, geology and ground water conditions, and the proximity to waterways and wells.

The review indicated that this site contains hydrologic group D soils. Please refer to the precipitation prohibitions and restrictions for group D soils found in Ohio Administrative Code (OAC) 3745-40-08(B)(2).

The soil analytical results for this site show an average pH of 5.2 S.U. OAC 3745-40-08(D)(5) requires that the pH of this site be raised to a minimum of 5.5 S.U. through the addition of a liming material before or at the time of beneficial use of biosolids.

This site is authorized to be included as part of the Ringler Energy, LLC biosolids program. This authorization is subject to conditions contained in both the NPDES permit and OAC 3745-40. Conditions contained in the NPDES permit and OAC 3745-40 may differ. In such cases, the more restrictive conditions from either the NPDES permit or OAC 3745-40 shall govern.

Highlights of these conditions are as follows:

1. Biosolids shall not be applied in buffer zones.
2. In accordance with federal/state rules, biosolids may not be applied within 33 feet of surface waters of the state.
3. Biosolids application shall be timed to avoid periods of excessive wetness to help prevent runoff from a site.

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4. Records for the application of biosolids on this site shall be maintained in accordance with the requirements found in OAC 3745-40-09(C).

All biosolids beneficially used at this site shall be injected beneath the surface of the ground or immediately incorporated into the soil. Additional isolation distance from surface waters of the state may need to be provided to account for potential runoff and to ensure that the required thirty-three feet isolation distance is maintained. Biosolids that remain on the surface shall be incorporated within six hours.

If you have any questions, please contact me at (614) 644-2150 or via email at betsy.vanwormer@epa.ohio.gov.

Sincerely,



Betsy P. L. VanWormer, P.E.

Environmental Engineer II

Ohio EPA - Division of Surface Water

Cc: Morrow County Health Department
Morrow County Soil and Water Conservation District
Peru Township Trustees
Shady Haven Farms

Ec: Kevin Otte, Otte AG, LLC
Isaac A. Robinson, III, Chief, Ohio EPA/CDO

